

# THE ECONOMIC VALUE OF PATHOLOGY



know **pathology**  
know **healthcare**

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## PATHOLOGY TESTING SAVES LIVES AND MONEY

**70%** OF MEDICAL  
TREATMENT DECISIONS  
RELY ON **PATHOLOGY**

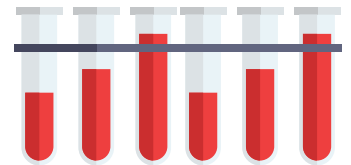
70%

**PATHOLOGY COSTS 3%**  
OF ANNUAL HEALTH CARE BUDGET

**+32%**

**INCREASE** IN PATHOLOGY  
TESTS IS FOR **PREVENTATIVE  
HEALTH TREATMENTS**

**500**  
MILLION  
TESTS IN AUSTRALIA  
EVERY YEAR



**1 IN 3**

**HEALTH PROBLEMS** SEEN BY GENERAL  
PRACTITIONERS REQUIRE PATHOLOGY

### TOP REASONS:

- 1 DIABETES
- 2 GENERAL HEALTH CHECK
- 3 HIGH BLOOD PRESSURE
- 4 LACK OF ENERGY

**60%**

OF **GP REQUESTS** ARE  
PREVENTATIVE OR FOR  
**CHRONIC DISEASE MANAGEMENT**



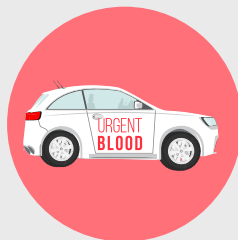
**35,000** PEOPLE WORK IN AUSTRALIAN PATHOLOGY

**1/3**

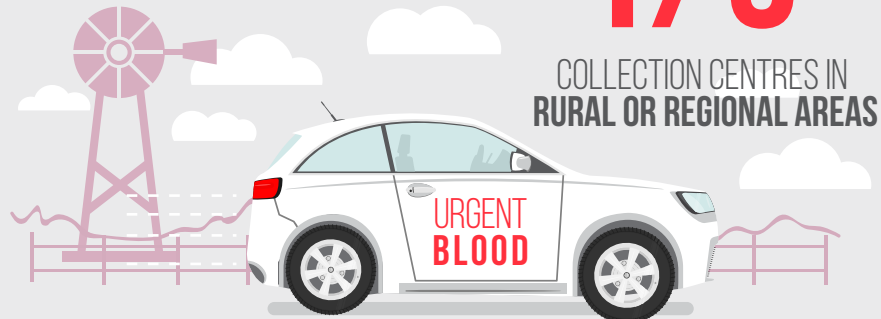
COLLECTION CENTRES IN  
RURAL OR REGIONAL AREAS



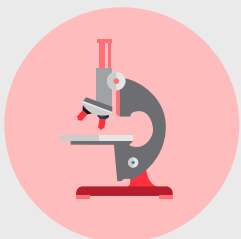
**SKILLED COLLECTORS** TAKE  
YOUR SAMPLE AND CARE FOR  
SICK PATIENTS



**COURIERS** GET URGENT  
SAMPLES TO LABS QUICKLY



**PATHOLOGY IS THE ENGINE ROOM  
OF HEALTHCARE**



**DOCTORS AND SCIENTISTS**  
USE SOPHISTICATED  
EQUIPMENT TO GET RESULTS



**INNOVATIVE TECHNOLOGY**  
UNDERPINS SCIENTIFIC STAFF



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# PATHOLOGY IS ONE OF THE FEW DEFENSES AGAINST DIABETES COST BLOW OUTS



1.5  
MILLION

AUSTRALIANS HAVE DIABETES  
THIS WILL BE 3.5 MILLION BY 2033



DIABETES PREVENTION  
PROGRAMS

SAVES



\$2,600 - \$5,300  
PER YEAR FOR  
EACH PERSON

HBA1C BLOOD TEST MONITORS DIABETES CONTROL. A **1% REDUCTION** IN HBA1C CAN:



↓ **40%**  
INCIDENCE  
KIDNEY DISEASE



↓ **43%**  
INCIDENCE  
EYE DISEASE



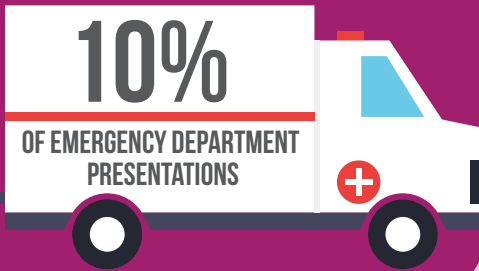
↓ **21%**  
INCIDENCE  
AMPUTATION



↓ **16%**  
INCIDENCE  
HEART ATTACK

## PATHOLOGY CAN **MANAGE DOWN** EMERGENCY DEPARTMENT COSTS

CHEST PAIN ACCOUNTS FOR



**80%**  
ARE NOT HAVING A  
HEART ATTACK



**40%**  
OF PATIENTS CAN BE  
DISCHARGED EARLY  
USING TROPONIN BLOOD TEST



**\$167 MILLION** PER YEAR MANAGED DOWN BY **RULING OUT HEART ATTACK** EARLY

## SMART TESTING SAVES TIME, MONEY AND PREVENTS HARM IN BOWEL CANCER PATIENTS



### BOWEL CANCER

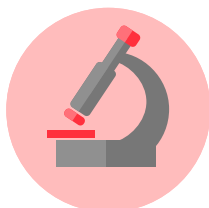
IS AUSTRALIA'S 2<sup>ND</sup> BIGGEST CANCER KILLER



POPULATION SCREENING  
OF AUSTRALIANS  
AGED OVER 50



GENETIC TESTING FOR  
HIGH RISK FAMILIES

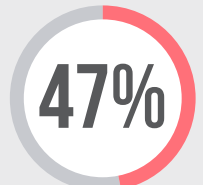


DIAGNOSIS BY STOOL  
TESTS AND BIOPSIES

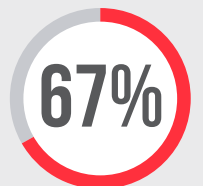


GENETIC TESTING OF TUMOUR  
MATCHES CANCER TYPE WITH  
TREATMENT

### 5 YEAR SURVIVAL



1982-86



2007-11



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